

#### **ABSTRACT OF THE DISCLOSURE**

The disclosed invention provides compositions and methods of treating a *Flaviviridae* infection, including hepatitis C virus, West Nile Virus, yellow fever virus, and a rhinovirus infection in a host, including animals, and especially humans, using a (2'R)-2'-deoxy-2'-fluoro-2'-C-methyl nucleosides, or a pharmaceutically acceptable salt or prodrug thereof.